

Amendments to the Claims

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

Claims 1-5 (cancelled)

1 **Claim 6** (previously presented): A fitting system for in situ fitting at least one
2 hearing device to the auditory needs of an individual with said hearing device applied
3 comprising

4 a fitting calculator unit with an input and with a setting signal output being
5 linkable to a setting input of a hearing device applied to said individual; and

6 a rating unit with an output and generating at said output an output signal as a
7 response of said individual's appraisal of an auditory stimulus;

8 said output of said rating unit being linked to said input of said fitting calculator
9 unit and said setting signal output of said calculator unit being linkable to said setting
10 input of said hearing device at said individual via a bidirectional interface unit;

11 said fitting calculator generating setting signals for said hearing device as a
12 function of said output signal of said rating unit.

1 **Claim 7** (previously presented): The fitting system of claim 6, wherein said
2 bidirectional interface is an I2C interface.

1 **Claim 8** (previously presented): The fitting system of claim 6, wherein said rating

2 unit is at least one of a keypad and of a voice input device.

1 **Claim 9** (previously presented): The fitting system of claim 6, wherein said
2 bidirectional interface unit is a standalone unit and comprises an output/input for signals
3 to and from said input and said setting output of said fitting calculator unit and an output
4 linkable to said setting input of said hearing device and an input linked to said output of
5 said rating unit.

1 **Claim 10** (previously presented): The fitting system of claim 6, wherein at least
2 one of a link between said setting signal output of said calculator unit and said setting
3 input of a hearing device and of a link between said output of said rating unit and said
4 input of said fitting calculator unit comprises a wireless link.

1 **Claim 11** (previously presented): A method for fitting at least one hearing device
2 comprising:

3 applying to an individual a hearing device with a setting input;
4 exposing said individual with said hearing device to an auditory stimulus;
5 having said individual input his appraisal of said auditory stimulus to a rating
6 unit;
7 communicating a signal in dependency of said appraisal to a fitting calculator
8 unit;
9 calculating setting values by said fitting calculator unit in dependency of said

10 appraisal signals;
11 communicating from said fitting calculator unit said setting signal to a setting
12 input of said hearing device at said individual, thereby performing communication of said
13 appraisal signals to said fitting calculator unit and of said setting signal to said hearing
14 device via a bidirectional interface.

1 **Claim 12** (previously presented): A fitting system for in situ fitting at least one
2 hearing device to the auditory needs of an individual with said hearing device applied
3 comprising:

4 a fitting calculator unit with an input and with a setting signal output being
5 linkable to a setting input of a hearing device applied to said individual; and

6 a rating unit with an output and generating at said output an output signal as a
7 response to said individual's appraisal of an auditory stimulus;

8 wherein said output of said rating unit is linked to said input of said fitting
9 calculator unit and said setting signal output of said calculator unit is linkable to said
10 setting input of said hearing device at said individual via a bidirectional interface unit
11 remote from said fitting calculator; and
12 said fitting calculator generates setting signals for said hearing device as a function of
13 said output signal of said rating unit.

1 **Claim 13** (previously presented): The fitting system of claim 12, wherein said
2 bidirectional interface is an I2C interface.

1 **Claim 14** (previously presented): The fitting system of claim 12, said rating unit
2 including at least one of a keypad and a voice input device.

1 **Claim 15** (previously presented): The fitting system of claim 12, wherein said
2 bidirectional interface unit is a standalone unit and comprises an interface for signals to
3 and from said input and said setting output of said fitting calculator unit and an output
4 linkable to said setting input of said hearing device and an input linked to said output of
5 said rating unit.

1 **Claim 16** (previously presented): The fitting system of claim 12, wherein at least
2 one of a link between said setting signal output of said calculator unit and said setting
3 input of a hearing device, and of a link between said output of said rating unit and said
4 input of said fitting calculator unit comprises a wireless link.

1 **Claim 17** (previously presented): A method for fitting at least one hearing device
2 comprising:

3 applying to an individual a hearing device with a setting input;
4 exposing said individual with said hearing device to an auditory stimulus;
5 having said individual input his appraisal of said auditory stimulus to a rating
6 unit;
7 communicating a signal in dependency of said appraisal to a fitting calculator

8 unit;

9 calculating setting values by said fitting calculator unit in dependency of said

10 appraisal signals;

11 communicating from said fitting calculator unit said setting signal to a setting

12 input of said hearing device at said individual, thereby performing communication of said

13 appraisal signals to said fitting calculator unit and of said setting signal to said hearing

14 device via a bidirectional interface remote from said fitting calculator.

1 **Claim 18 (new):** A method for manufacturing a hearing device fitted to an
2 individual comprising the steps of:

3 manufacturing a hearing device; and

4 applying to an individual said hearing device according to the method for fitting

5 of claim 17.

1 **Claim 19 (new):** The fitting system according to claim 6 wherein the bidirectional
2 interface is remote from the fitting calculator.

1 **Claim 20 (new):** A system for adapting at least one hearing device to the needs
2 of an individual, comprising:

3 an adaptation computing unit (1);

4 a first interface unit for the output of signals to at least one hearing device (7)

5 connectable thereto;

6 a second interface unit for the acceptance of individual audio-stimulant reaction
7 signals;
8 a computing unit (3) , which calculates as a function of inputs to the second
9 interface unit outputs to the first interface unit;
10 wherein the first and second interface units are in the form of a single
11 bidirectional communication unit.

1 **Claim 21 (new):** The system according to claim 20, wherein the interface unit
2 (13) is an I (2)C interface unit.

1 **Claim 22 (new)** The system according to claim 20, further comprising an
2 assessment input unit (9) is provided for audio-stimulant reaction signals, the assessment
3 unit being at least one of a keypad and a voice input unit, the assessment input unit being
4 connectable to the interface unit (13).

1 **Claim 23 (new)** The system according to claim 20, wherein the interface unit is
2 formed as a branching unit with a connection to the adaptation computing unit, a
3 connection to an assessment input unit and a connection to the at least one hearing
4 device.

1 **Claim 24** (new) The system according to claim 20, wherein the communication
2 connection between the hearing device and/or an input unit and the adaptation computing
3 unit (1) is at least partly wireless.
